

Luster-On Zincate 2
Quick Identifier

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: LUSTER-ON PRODUCTS

Address: 54 Waltham Avenue
Springfield, Ma 01109Mailing Address: P O Box 90247
Springfield, Ma 01139

Telephone No: 413-739-2541

Date Prepared/Revised: 01/06/88

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SECTION I - IDENTITY

Common name (used on label)

(Trade Names & Synonyms):

Luster-On Zincate 2

Chemical Name: Mixture

CAS No: None (Mixture)

Chemical Family: Alkaline

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component	CAS #	PEL/TLV	%
Sodium Hydroxide	1310-73-2	2mg/cu m	30
Zinc Oxide	1314-13-2	5mg/cu m	6
Ferric Chloride	7705-08-0	not established	1

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SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and Odor: Clear colorless liquid, no odor.

Boiling point(degrees F): 212

Specific Gravity: 1.44

Solubility in Water: Infinite

% Volatiles: Not determined

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SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: Not Flammable

Extinguisher Media: Water or appropriate to surrounding materials.

Special Fire Fighting Procedures: Wear suitable protective clothing.

Unusual Fire and Explosion Hazards: Solutions containing sodium hydroxide may react with amphoteric metals (aluminum, zinc, etc.) to produce explosive hydrogen gas.

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SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable

Incompatibility (materials to avoid): Acids

Hazardous Decomposition Products: Toxic zinc compounds

Hazardous Polymerization: Will not occur

Conditions to Avoid: None



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SECTION 6 - HEALTH HAZARDS

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-Acute Toxicity-

1. **EYES:** Material is destructive to eye tissues on contact. Will cause severe burns that result in damage to the eyes and even blindness.
2. **INHALATION:** Airborne concentrations of dust, mist, or spray of this mixture may cause damage to the upper respiratory tract and even to lung tissue depending upon the severity of the exposure. It can also produce chemical pneumonia.
3. **INGESTION:** Can cause extreme burns of mucous membranes of the mouth, throat, esophagus and stomach and could cause complete tissue perforation.
4. **SKIN CONTACT AND ABSORPTION:** Material is destructive to tissues contacted and produces severe burns. Absorption is not likely to be a problem.

-Chronic Toxicity-

Chronic overexposure may result in local areas of superficial destruction of the skin or primary irritant dermatitis. Similarly, inhalation of dust, spray or mist may result in increased susceptibility to respiratory illness or varying degrees of irritation or destruction of the respiratory tract tissues.

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN: No

EMERGENCY AND FIRST AID PROCEDURES

1. **Inhalation:** Remove victim to fresh air. If breathing has stopped, administer artificial respiration. Oxygen may be administered if readily available. Seek medical attention immediately.
2. **Eyes:** Object is to seek medical attention immediately. Immediately flush with plenty of water for at least 15 minutes holding eyelids apart to insure flushing of the entire eye surface. Seek medical attention immediately.
3. **Skin:** Wash with plenty of water. If available, rinse with vinegar or dilute acetic acid (3% solution). Remove contaminated clothing and footwear. Wash clothing before reuse. Discard footwear which cannot be decontaminated. Seek medical attention immediately.
4. **Ingestion:** Dilute by giving several glasses of water, milk or fruit juice. **DO NOT INDUCE VOMITING.** Call a physician immediately.

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SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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Precautions to be taken in Handling and Storage: Keep container closed when not in use. Store in a dry area. When adding to water, add slowly to surface of water with constant stirring.

Other Precautions: Containers will contain hazardous residues. Do not wash out and use for other purposes. Dispose of container properly.

Steps to be taken in Case Material is Released or Spilled: Cleanup personnel must have proper protective equipment. Dike spill area with earth or sand. Take up material for proper disposal. Flush away last traces of material with water to a suitable waste treatment facility.

Waste Disposal Methods: Neutralize and dispose in compliance with Federal, State and Local regulations or contact an approved waste disposal firm.

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SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

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Respiratory Protection: A NIOSH/MSHA approved respirator for mist and vapor exposures above PEL/TLV.

Ventilation: Local exhaust or general ventilation sufficient to keep exposure below PEL/TLV.

Protective gloves: Rubber gloves

Eye Protection: Face shield or chemical goggles

Other Protective Clothing or Equipment: Impervious clothing and shoes. Safety showers and eyewash stations should be provided in areas where this product is used.

Work/Hygienic Practices: Wash with soap and water after use.

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